(b) and (c) (i) Under National Action Plan on Climate Change (NAPCC) of the Government, specific action plans for the regional climate change impacts over India are to be launched in which these specific aspects are being considered for evolving climate change impact scenarios.

(ii) National Disaster Management Authority (NDMA) has currently undertaken national and regional level consultations for formulating Management of Guidelines for Urban Floods including the climate change impacts over urban environments. Formulation of guidelines for the Management of Urban Floods by NDMA will enable development of suitable national and state level action plans.

Expansion of the National Centre for Ocean Information Service

1755. SHRI RUDRA NARAYAN PANY:
SHRI B.J. PANDA:

Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether it is a fact that the Indian National Centre for Ocean Information Service (INCOIS) is expanding its arms in providing upto date information on predicting storms, optimizing fishing time, earthquakes, tsunami *etc.*;

(b) if so, the details thereof;

(c) the details of centres that have been set up on the Orissa coast to pre-warm both coastal population and the fishermen about the impending dangers to the sea; and

(d) the details of other countries which are being serviced by the above unit?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a) Yes, Sir.

(b) The Tsunami Early Warning Centre set up at INCOIS Hyderabad, is being expanded to provide information on storm surges also, Currently, INCOIS provides information on Potential Fishing Zone (PFZ), and Ocean State advisories and Tsunami Early warnings. The PFZ advisories are being provided thrice a week during the non-ban period for the coastal fisherman community using a wide range of media whereas the tsunami advisories are issued on 24 × 7 basis.

(c) Towards providing the advisory services, a set of 10 Electronic Display Boards have been established along the coast of Orissa one each at Bahabalpur, Chudamani, Kharanasi, Talachuan, Paradeep, Astaranga, Penthakotta, Arjipalli, New Golabandha and Balaramgadi.

(d) The INCOIS has been recognized as Regional Tsunami Watch Provider (RTWP) for the Indian Ocean region. The INCOIS has signed Memorandum of Understanding with the Asian Disaster Preparedness Centre (ADPC) and in the process of signing with other countries such as Maldives, Mauritius and Thailand for providing Tsunami advisories.

Six-in-house projects of National Institute of Ocean Technology

1756. SHRI VIJAY JAWAHARLAL DARDA:
SHRIMATI SYEDA ANWARA TAIMUR:

Will the Minister of EARTH SCIENCES be pleased to state: